

Patent  
Attorney's Docket No. 0050-0160

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of )  
Hiroshi Asahina ) Group Art Unit: 2663  
Application No.: 09/901,663 ) Examiner: M. Jung  
Filed: July 11, 2001 )  
For: COMMUNICATION SYSTEM )  
BETWEEN A RADIO COMMUNICATION )  
NETWORK AND A CONNECTIONLESS )  
NETWORK AND INTERWORKING )  
APPARATUS FOR USE IN THE )  
COMMUNICATION SYSTEM )

**LETTER RE POWER OF ATTORNEY  
AND STATEMENT UNDER 37 C.F.R. 3.73(b)**

U.S. Patent and Trademark Office  
Customer Service Window, Mail Stop Amendment  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

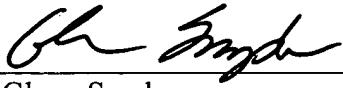
Submitted herewith is a Power of Attorney, Exhibit A & B to Power of Attorney,  
Statement under 37 C.F.R. 3.73 (b) and copies of documents establishing chain of title as filed in  
the U.S. Patent and Trademark Office for the above-identified patent application.

Amendment/Reply Transmittal Letter  
Application Serial No. 09/901,663  
Attorney's Docket No. 0050-0160  
Page 2

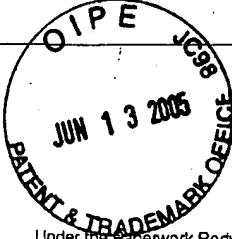
The Commissioner is hereby authorized to charge any other appropriate fees that may be required by this paper that are not accounted for above, and to credit any overpayment, to Deposit Account No. 50-1070.

Respectfully submitted,

HARRITY & SNYDER, L.L.P.

By:   
Glenn Snyder  
Reg. No. 41,428

11240 Waples Mill Road  
Suite 300  
Fairfax, Virginia 22030  
(571) 432-0800  
Customer Number: 44987  
Date: June 13, 2005



PTO/SB/81 (11-04)

Approved for use through 11/30/2005. OMB 0651-0035  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**POWER OF ATTORNEY  
and  
CORRESPONDENCE ADDRESS  
INDICATION FORM**

Application Number	Attachment: Exhibit A & Exhibit B
Filing Date	
First Named Inventor	
Title	
Art Unit	
Examiner Name	
Attorney Docket Number	

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

 Practitioners associated with the Customer Number:

44987

OR

 Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

 The address associated with the above-mentioned Customer Number:

OR

 The address associated with Customer Number:

OR

 Firm or Individual Name

Address

City

Country

Telephone

Fax

I am the:

 Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

**SIGNATURE of Applicant or Assignee of Record**

Signature	<i>Mitchell Gaynor</i>	Date	February 16, 2005
Name	Mitchell Gaynor	Telephone	
Title and Company	Vice President, Juniper Networks, Inc.		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

 \*Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**EXHIBIT A TO POWER OF ATTORNEY**

**U.S. PATENT APPLICATIONS**

<b>U.S. SERIAL NO.</b>	<b>FILING DATE</b>
09/522,608	3/10/2000
09/977,227	10/16/2001
09/727,046	11/30/2000
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09/506,366	2/18/2000
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**EXHIBIT A TO POWER OF ATTORNEY**

**U.S. PATENT APPLICATIONS**

<b>U.S. SERIAL NO.</b>	<b>FILING DATE</b>
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**EXHIBIT B TO POWER OF ATTORNEY**

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U.S. PATENT NO.	ISSUE DATE
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**EXHIBIT B TO POWER OF ATTORNEY**

**U.S. PATENTS**

<b>U.S. PATENT NO.</b>	<b>ISSUE DATE</b>
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**EXHIBIT B TO POWER OF ATTORNEY**

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**EXHIBIT B TO POWER OF ATTORNEY**

**U.S. PATENTS**

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**STATEMENT UNDER 37 CFR 3.73(b)**



Applicant/Patent Owner: Hiroshi Asahina

Application No./Patent No.: 09/901,663 Filed/Issue Date: July 11, 2001

Entitled: COMMUNICATION SYSTEM BETWEEN A RADIO COMMUNICATION NETWORK AND A CONNECTIONLESS NETWORK AND INTERWORKING APPARATUS FOR USE IN THE COMMUNICATION SYSTEM

Juniper Networks, Inc., a corporation

(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, etc.)

states that it is:

- the assignee of the entire right, title, and interest; or
- an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is   %

in the patent application/patent identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel   , Frame   , or for which a copy thereof is attached.

OR

B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Hiroshi Asahina To: NEC Corporation

The document was recorded in the United States Patent and Trademark Office at Reel 011985, Frame 0715, or for which a copy thereof is attached.

2. From: NEC Corporation To: Juniper Networks, Inc.

The document was recorded in the United States Patent and Trademark Office at Reel   , Frame   , or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

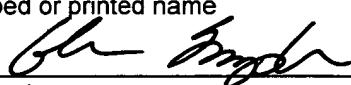
Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

June 13, 2005  
Date

Glenn Snyder  
Typed or printed name

  
Signature

Attorney for Assignee  
Title

US pending applications

## Assignment

Whereas, NEC Corporation, a Japanese corporation, having a place of business at 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001, Japan, hereinafter called Assignor, is the owner and assignee of record of the pending applications listed on the attached Schedule A; and

Whereas, Juniper Networks, Inc., a U.S.A. corporation, having a place of business at 1194 North Mathilda Avenue, Sunnyvale, California 94089-1206, U.S.A., hereinafter called Assignee, desires to acquire the Assignor's entire right, title, and interest in said applications listed on the attached Schedule A;

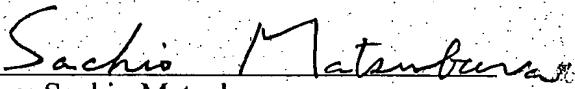
Now therefore, for valuable consideration, receipt whereof is hereby acknowledged;

Assignor hereby sells, assigns and transfers to Assignee, its successors and assigns, its entire right, title and interest including rights to recover for past infringement in the applications listed on the attached Schedule A, including continuations, divisions and reissues thereof;

IN WITNESS WHEREOF, Assignor has executed this Assignment by proper persons duly authorized.

NEC Corporation

Date: January 17, 2005



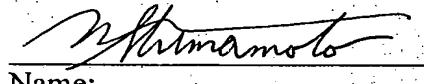
Name: Sachio Matsubara

Title: Senior Manager,

Intellectual Asset Planning Division,  
Intellectual Asset Operations Unit

Witness:

Date: January 17, 2005



Name:

## Schedule A

### US Patent Applications

<u>Serial No.</u>	<u>Filing Date (Y/M/D)</u>
09/522608	2000/3/10
09/977227	2001/10/16
09/727046	2000/11/30
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10/795536	2004/3/9
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<u>Serial No.</u>	<u>Filing Date (Y/M/D)</u>
09/858637	2001/5/17
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10/227808	2002/8/27
09/718378	2000/11/24
09/615719	2000/7/13
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09/946472	2001/9/6
10/266636	2002/10/9
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09/945758	2001/9/5
10/038655	2002/1/8
10/188060	2002/7/3
10/755499	2004/1/12
09/576324	2000/5/22
09/512088	2000/2/24
09/931922	2001/8/20
09/901663	2001/7/11
09/589511	2000/6/8
09/861890	2001/5/22
09/955955	2001/9/20
10/098124	2002/3/15

US patents

## Assignment

Whereas, NEC Corporation, a Japanese corporation, having a place of business at 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001, Japan, hereinafter called Assignor, is the owner and assignee of record of the patents listed on the attached Schedule A; and

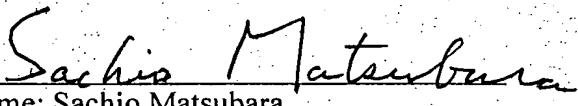
Whereas, Juniper Networks, Inc., a U.S.A. corporation, having a place of business at 1194 North Mathilda Avenue, Sunnyvale, California 94089-1206, U.S.A., hereinafter called Assignee, desires to acquire the Assignor's entire right, title, and interest in said patents listed on the attached Schedule A;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged; Assignor hereby sells, assigns and transfers to Assignee, its successors and assigns, its entire right, title and interest including rights to recover for past infringement in the patents listed on the attached Schedule A;

IN WITNESS WHEREOF, Assignor has executed this Assignment by proper persons duly authorized.

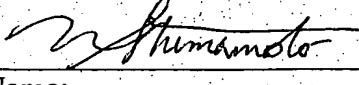
NEC Corporation

Date: January 17, 2005

  
Name: Sachio Matsubara  
Title: Senior Manager,  
Intellectual Asset Planning Division,  
Intellectual Asset Operations Unit

Witness:

Date: January 17, 2005

  
Name:

## Schedule A

### **US Patents**

<u>Patent No.</u>	<u>Issue Date (Y/M/D)</u>	<u>Serial No.</u>	<u>Filing Date (Y/M/D)</u>
5132966	1992/7/21	07/496973	1990/3/23
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5581689	1996/12/3	08/365449	1994/12/28
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5748632	1998/5/5	08/676501	1996/7/8
5764637	1998/6/9	08/647040	1996/5/9
5787073	1998/7/28	08/654674	1996/5/29
5796736	1998/8/18	08/503021	1995/7/17
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5828667	1998/10/27	08/645016	1996/5/9
5831981	1998/11/3	08/768158	1996/12/13
5864553	1999/1/26	08/780468	1997/1/8
5886981	1999/3/23	08/837102	1997/4/14
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5903559	1999/5/11	08/771559	1996/12/20
5909446	1999/6/1	08/907831	1997/8/14
5913074	1999/6/15	08/746927	1996/11/18
5920620	1999/7/6	08/784052	1997/1/17
5966513	1999/10/12	08/734020	1996/10/18
5974036	1999/10/26	08/773,738	1996/12/24
5978355	1999/11/2	08/822349	1997/3/20
6011797	2000/1/4	08/896027	1997/7/17

<u>Patent No.</u>	<u>Issue Date (Y/M/D)</u>	<u>Serial No.</u>	<u>Filing Date (Y/M/D)</u>
6034961	2000/3/7	08/998666	1997/12/29
6041037	2000/3/21	08/912739	1997/8/18
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6046981	2000/4/4	08/808128	1997/2/28
6049527	2000/4/11	08/824051	1997/3/21
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6072776	2000/6/6	08/795804	1997/2/5
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6233258B1	2001/5/15	09/090872	1998/6/5
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